



US Army Corps
of Engineers
Seattle District

Department of the Army Regional General Permit



PROPOSED RGP-2

Replacement, Repair, and Modification of Existing Residential Overwater Structures and Residential Shoreline Rehabilitation and the Replacement and Repair of Existing Commercial Overwater Structures in Lake Washington, Lake Sammamish, the Sammamish River and Lake Union, Including the Lake Washington Ship Canal

Effective Date:

Expiration Date:

Permit Number: CENWS-OD-RG-RGP-2

Authority: In accordance with 33 CFR 325.2(e)(2), the U.S. Army Corps of Engineers (Corps) is proposing a regional general permit (RGP) that would authorize certain activities in or affecting waters of the United States, including navigable waters of the United States, upon the recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

Issuing Office: U.S. Army Corps of Engineers, Seattle District
Regulatory Branch, CENWS-OD-RG
P.O. Box 3755
Seattle, Washington 98124-3755
Telephone: (206) 764-3495

Purpose: To replace, repair, and modify existing residential and commercial overwater structures in order to provide water access, boat moorage, and bank protection.

Use of this RGP: To use this RGP, a prospective permittee must first notify the Corps of the proposed work in accordance with the application procedures in this RGP (see page 4). ***A proposed project is not authorized under this RGP, and work may not commence, until the District Engineer or his designee has issued written notification that the proposed project meets the requirements of this RGP and is authorized.*** The permittee and all contractors performing the work are responsible for ensuring that the authorized work complies with all applicable provisions of this RGP, including any project-specific special conditions that may be added by the District Engineer. Failure to abide by the requirements of this RGP may constitute a violation of the Rivers and Harbors Act and/or the Clean Water Act. For purposes of this RGP, the term "permittee" shall include all successors in interest.

This RGP contains provisions intended to protect the environment, endangered species, and cultural resources. Future additional provisions and conditions may be identified during the processing of this regional permit and included in the permit, as appropriate.

Work that will not comply with these provisions is not authorized by this RGP and may require Department of the Army authorization by a standard individual permit. Moreover, compliance with the provisions of this RGP does not itself guarantee that the work is authorized by this RGP. Activities that appear to comply with the provisions of this RGP but would have an unacceptable adverse impact on the public interest are not authorized.

Definitions: “*Overwater structures*” include piers, ramps, floats, and their associated structures. Associated structures include piling, chain and anchors for floats, ladders, steps, and swim steps.

“*Skirting*” is vertical boards along the edge of a pier extending downward.

The “*Ordinary High Water*” (OHW) mark or line is at an elevation of 21.8 feet for Lake Washington, Lake Union, and the Lake Washington Ship Canal (Corps of Engineers datum) and 27.0 feet for Lake Sammamish (National Geodetic Vertical Datum). For the Sammamish River connecting Lake Sammamish and Lake Washington, it is the visible line on the banks where the presence and action of waters are so common as to leave a mark upon the soil or vegetation.

Location of Authorized Activities: This RGP is applicable in Lake Washington, Lake Sammamish, the Sammamish River and Lake Union, including the Lake Washington Ship Canal.

Activities authorized by this RGP: Work authorized by this RGP is limited to the replacement, repair, and modification of existing residential overwater structures and moorage piling, the rehabilitation of residential shoreline, and the replacement and repair of commercial overwater structures. Fill placed for the purposes of fish habitat enhancement, as required by the Hydraulic Project Approval (HPA) from the Washington Department of Fish and Wildlife, is authorized by this permit. Activities must comply with the following construction specifications for one of the following categories of activities:

Category A: Replacement, repair and modification of existing residential, overwater moorage structures

1. The over-water footprint of the structure shall not exceed the existing footprint.
2. New pier extensions shall extend no further into the waterway than adjacent piers. If the adjacent piers are different lengths, the new structure shall not extend waterward of a line drawn between the waterward ends of the two adjacent piers. In the event that there are no adjacent piers within 200 feet of the new structure, the length of the new extension shall not extend more than 60 feet waterward from the OHW line.
3. The structure shall be perpendicular to the shoreline and shall be no wider than 4 feet for the first 30 feet in length from the OHW line. No part of the remainder of the structure shall exceed 8 feet in width at any location.
4. Any existing in-water structures, except for those facilitating access as authorized by this permit, within the first 30 feet in length from the OHW line shall be removed and no additional over-water structures shall be constructed within the first 30 feet from OHW, along the entire length of the property.
5. The finished deck elevation of new nonfloating portions of the structure shall be elevated at least 2 feet above the plane of OHW.

6. The following conditions apply to floating portions of the structure:
 - a. The floatation portion of the float cannot be constructed of exposed Styrofoam. If Styrofoam is used, it must be encased in a durable coating.
 - b. If anchors are required to stabilize the float, the anchor line shall not exceed a maximum of 120 percent of the water depth at OHW. Subsurface floats must be placed along the anchor line so that the anchor line shall not come in contact with the substrate at any time.
 - c. The floats cannot ground out. Stoppers on the piling anchoring the floats must be installed at least 3 feet above the level of the substrate. The stoppers must be able to fully support the entire float.
7. All existing skirting must be removed and no additional skirting shall be installed.
8. All piling driven to support the first 30 feet of the structure waterward of the OHW line shall be steel, no greater than 4 inches in diameter and be placed at a minimum of 15-foot intervals.
9. All new or replacement piling driven beyond the first 30 feet of the structure waterward of the OHW line may be steel or untreated wood piling and shall be spaced at a minimum of 20-foot intervals.
10. A minimum of 60 percent light penetration shall be achieved in the shoreward 30 feet of the structure using grating or clear plexiglass sheets over 60 percent of the structure in this area or by installing 3 light prisms equally spaced in this area.
11. All abandoned piling and construction debris shall be removed from the water to an upland location.
12. No creosote-treated wood shall be used in construction or repair.
13. This permit authorizes the installation of no more than 2 mooring piles per upland residential property ownership. This upland property must be contiguous to the navigable water. The 2-pile limit shall include all existing mooring piles.
14. Mooring piles shall not be placed within 30 feet of the OHW line, shall not be placed any further waterward than the end of the existing pier, and shall not be placed more than 12 feet from any point on the pier.

Category B: Replacement and repair of existing commercial, overwater moorage structures

1. The over-water footprint and dimensions of the structure shall not exceed the existing footprint or dimensions. No additional over-water coverage is authorized.
2. Any existing in-water structures, except for access ramps, within the first 30 feet in length, shall be removed.
3. The finished deck elevation of new nonfloating portions of the structure shall be elevated at least 2 feet above the plane of OHW.
4. All existing skirting must be removed and no additional skirting shall be installed.
5. There shall be no increase in pile diameter.
6. A minimum of 60 percent light penetration shall be achieved in the shoreward 30 feet of the structure using grating or clear plexiglass sheets over 60 percent of the structure in this area or by installing 3 light prisms equally spaced in this area.

7. All abandoned piling and construction debris shall be removed from the water to an upland location. Abandoned means no longer in use and without use for a prolonged period of time.
8. No creosote treated wood is used in construction.
9. No additional moorage piling or dolphins are authorized.

Category C: Shoreline Rehabilitation

1. Shoreline rehabilitation as outlined in the Special Public Notice dated 25 October 2001 – *Endangered Species Act Guidance for New and Replacement Piers and Bulkheads in Lake Washington, Lake Sammamish, and the Ship Canal, including Lake Union* (see the following Corps web site:
http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=Home_Page for the latest version) is authorized by this RGP, subject to the Corps approval.
2. An existing bulkhead may be removed or relocated landward of the OHW line.
3. A cove, or a small beach area, may be constructed along all or a portion of the shoreline and may include an access stairway.
4. A combination of native vegetation and large woody debris, or other methods designed to mimic natural features, may be utilized in the replacement of bank stabilization.
5. Repairs to existing bank stabilization may be authorized in conjunction with shoreline rehabilitation.

Activities NOT authorized by this RGP: Activities not authorized by this RGP include, but are not limited to, the repair, replacement, or installation of buoys, bank armoring, boat, jet ski, and other watercraft lifts, other structures, such as living quarters, toilets, covered boat moorages, or fueling facilities, dredging, including prop washing, other than jetting for placement of piling. This permit does not imply that future dredging proposals will be approved. Separate authorization will be required for these activities.

Application Procedure: Authorization under this RGP requires that prospective permittees notify the Corps of the proposed work in accordance with the application procedures described in this section and not proceed with the proposed work until the District Engineer or his designee issues written notification that the proposed project meets the requirements of this RGP and is authorized. The verification will include any additional special conditions, as appropriate. To notify the Corps of a proposed project that may qualify for authorization under this RGP, the prospective permittee must submit the following information prior to performing any work:

1. A complete written application that fully describes the proposed work and clearly demonstrates to the Corps that the work would meet the requirements of this RGP. The Corps does not require that the applicant use a specific application form for this RGP but recommends the Joint Aquatic Resources Permit Application (JARPA) form approved for use in Washington State. (The JARPA form with instructions is available on the Internet at the Corps's Regulatory Branch homepage, http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=Home_Page) A non-JARPA application must include the same basic information requested in the JARPA and any additional information necessary to address RGP-specific requirements. A "complete application" also includes a vicinity map, including Section, Township, and Range, appropriate plan, profile, and cross-section drawings of the proposed work and structures in the format described in Appendix B, as well as estimates of the volume and type of material that would be discharged into waters of the United States (if required by a Hydraulic Project Approval issued by

the Washington Department of Fish and Wildlife). Specifically, project drawings should clearly indicate the size and configuration of the existing structures and the proposed size and configuration of proposed structures and should clearly indicate the OHW line (refer to “Guidance for Completion of Drawings” included in the Corps’ JARPA instructions). Include in the application the title and permit number of the RGP being requested to authorize the project.

2. A description of any impacts to the riparian environment.
3. A description of any conservation measures that the permittee would implement to restore, enhance, protect, and/or replace the aquatic ecosystem functions, including riparian areas, lost as a result of the of the proposed work. (see Special Public Notice dated 25 October 2001 – *Endangered Species Act Guidance for New and Replacement Piers and Bulkheads in Lake Washington, Lake Sammamish, and the Ship Canal, including Lake Union* or the following Corps web site:
http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=Home_Page for additional examples of recommended conservation measures).
4. Any other relevant information including photographs of the project area.

Water Quality Certification: The Corps will request that the Washington Department of Ecology (Ecology) certify, pursuant to Section 401 of the Clean Water Act and Chapters 173-225 of the Washington Administrative Code, that those activities authorized by this RGP for which Ecology is responsible will not violate established State water quality standards. Additional conditions may be included in the RGP based on Ecology’s water quality certification.

Coastal Zone Management Consistency: The Corps will request that Ecology concur, pursuant to the requirements of the U.S. Coastal Zone Management Act (16 U.S.C. 1452 et seq.) and its implementing regulations (15 CFR 923-930), that the activities authorized by this RGP for which Ecology is responsible will be consistent with the requirements of the State of Washington’s Coastal Zone Management (CZM) program. Additional conditions may be included in this RGP based on Ecology’s CZM consistency concurrence.

Endangered Species: The Endangered Species Act of 1973 (ESA), as amended, requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (FWS), pursuant to Section 7 of the ESA, on any action, or proposed action, permitted, funded, or undertaken by the agency that may affect a species listed as threatened or endangered under the ESA, or its designated critical habitat. The Corps has determined that activities that would be authorized by this RGP may affect federally listed species and, therefore, will consult with the NMFS and FWS.

Essential Fish Habitat: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect Essential Fish Habitat (EFH). If the Corps determines that issuance of this RGP may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate consultation with the NMFS.

Permit Conditions: Department of the Army authorization under this RGP is subject to the following special and general conditions:

SPECIAL CONDITIONS

1. Fish Work Windows. Work must comply with established fish work windows for the corresponding portion of Lake Washington, Lake Sammamish, the Sammamish River or Lake Union including the Lake Washington Ship Canal. (Please refer to the Corps' Regulatory Branch Internet homepage, <http://www.nws.usace.army.mil/reg/reg.htm> for the current listing of approved work windows.)
2. Work During the Day. In order to minimize disturbance to juvenile salmonids, all in-water construction shall occur during daylight hours.
3. Work in the Dry. Work that disturbs the substrate, bank, or shore of a water of the United States shall occur in the dry whenever practicable.
4. Operation of Equipment. Equipment shall be operated from the top of the bank, dry gravel bar, work platform, or similar out-of-water location whenever possible. Equipment shall be operated in a manner that minimizes the suspension of particulates. All equipment used in or around waters shall be clean and inspected daily prior to use to ensure that the equipment has no fluid leaks. Should a leak develop during use, the leaking equipment shall be removed from the site immediately and not used again until it has been adequately repaired. Equipment should be stored and/or fueled at least 100 feet from any surface water where possible.
5. Disturbance of Vegetation. Disturbance of bank vegetation shall be limited to the minimum amount necessary to accomplish the project. Disturbed bank vegetation shall be replaced with native, locally adapted herbaceous and/or woody vegetation. Herbaceous plantings shall occur within 48 hours of the completion of construction. Woody vegetation components shall be planted in the fall or early winter, whichever occurs first. The applicant shall take appropriate measures to ensure revegetation success.
6. Isolation of Work Area. In-water work areas shall be isolated from the surrounding waterbody by properly installed silt screen or similar sediment containment device whenever practicable. The permittee shall remove these temporary sediment containment devices as soon as the devices are no longer necessary to protect the surrounding waterbody.
7. Navigation and Access to Adjacent Structures and Property. The permitted activity must not interfere with the public's right to free navigation on navigable waters of the United States, including ingress and egress to adjacent waterfront structures and property.

GENERAL CONDITIONS

1. Reliance on Permittee's Information. In verifying a permittee's authorization under this RGP, the Department of the Army has relied, in part, on the information provided by the permittee. If this information proves to be false, incomplete, or inaccurate, the permittee's authorization may be modified, suspended, or revoked, in whole or in part.
2. Compliance with Terms and Conditions. Projects authorized by this RGP shall comply with all terms and conditions herein and any case-specific conditions added by the Corps as a result of a water quality

certification or Coastal Zone Management consistency determination issued by the State, Environmental Protection Agency, or a tribe. Failure to abide by these terms and conditions invalidates this authorization and may result in a violation of Federal law, which may require that the permittee restore the site or take other remedial action. Activities requiring Department of the Army authorization that are not specifically authorized by this RGP are prohibited unless authorized by another Department of the Army permit.

3. Contractor's Copy of Permit. The permittee shall provide complete copies of this permit and the Corps verification letter for the authorized project to each contractor involved in the project and keep copies of this permit and Corps verification letter available for inspection at the project site.
4. Compliance Certification. Every permittee shall submit to the Corps, within 30 days of completing all authorized work, certification that the work, including any required conservation measures, was conducted in accordance with the provisions of this RGP, including case-specific special conditions. Permittees must use the "Statement of Compliance" form included in Appendix A of this RGP.
5. Access for Inspection. The permittee shall allow the District Engineer or his authorized representative to inspect the project whenever deemed necessary to assure that the activity is in compliance with the terms and conditions prescribed herein.
6. Limits of Authorization. This permit does *not*:
 - a. Obviate the requirement to obtain all State, local, or other Federal authorizations required by law for the activity authorized herein, including any authorization required from Congress.
 - b. Convey any property rights, either in real estate or material, or any exclusive privileges.
 - c. Authorize any injury to property, invasion of rights, or any infringement of Federal, State, or local laws or regulations.
 - d. Authorize the interference with any existing or proposed Federal project.
7. Limits of Federal Liability. This permit is not an approval of the design features of any authorized project or an implication that such project is adequate for the intended purpose; a Department of the Army permit merely expresses the consent of the Federal Government to conduct the proposed work insofar as public rights are concerned. In issuing this RGP, the Federal Government does not assume any liability for the following:
 - a. Design or construction deficiencies associated with the authorized work.
 - b. Damages to the permitted project or uses thereof as a result of other permitted activities or from natural causes, such as flooding.
 - c. Damages to persons, property, or to other permitted or unauthorized activities or structures caused by the activity authorized by this permit.
 - d. Damages associated with any future modification, suspension, revocation of this permit.
 - e. The removal, relocation, or alteration of any structure or work in navigable waters of the United States ordered by the Secretary of the Army or his authorized representative.

- f. Damage to the permitted project or uses thereof as a result of current or future activities undertaken by, or on behalf of, the United States in the public interest.
8. Tribal Rights. No activity may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights. Members of the Muckleshoot Indian Tribe retain the right to tie off fishing nets from any structure authorized by this permit.
 9. Corps Coordination. Permittees shall coordinate with the U.S. Army Corps of Engineers, Seattle District, Regulatory Branch (telephone (206) 764-3495) prior to commencing any construction activity in a federally maintained channel and/or waterway.
 10. Obstruction of Navigation. Permittees understand and agree that, if future operations by the United States require the removal, relocation, or other alteration of the work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work unreasonably obstructs the full and free use of navigable waters of the United States, the permittee shall, upon due notice from the Corps, remove, relocate, or alter the obstructions caused thereby, without expense to the United States. If the permittee fails to comply with the direction of the Corps, the District Engineer may restore the navigable capacity of the waterway, by contract or otherwise, and recover the cost thereof from the permittee.
 11. Stability. Permittees shall design projects to be stable against the forces of flowing water, wind, wave action, and the wake of passing vessels.
 12. Maintenance. Permittees shall properly maintain all authorized structures and fills, including maintenance necessary to ensure public safety.
 13. Marking Structures. Permittees shall install and maintain any lights, signals, or other appropriate markers necessary to clearly designate the location of structures or work that might pose a hazard to public safety. Permittees shall abide by U.S. Coast Guard requirements concerning the marking of structures and work in navigable waters of the United States.
 14. Endangered Species. This RGP does not authorize any activity that is likely to jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Endangered Species Act (ESA). Prospective permittees shall notify the District Engineer if any listed species or designated critical habitat might be affected by, or is in the vicinity of, the project and shall not begin work until notified by the District Engineer that the requirements of the ESA have been satisfied and that the activity is authorized.
 15. Historic Properties. This RGP does not authorize any activity that may affect historic properties listed, or eligible for listing, in the National Register of Historic Places (NRHP) until the provisions of 33 CFR 325, Appendix C, have been satisfied. Historic properties include prehistoric and historic archeological sites, and areas or structures of cultural interest. A prospective permittee shall not begin construction of the proposed activity until notified by the District Engineer that the requirements of the National Historic Preservation Act have been satisfied and that the activity is authorized. If a previously unknown historic property is encountered during work authorized by this RGP, the permittee shall immediately notify the Corps and avoid any further impact to the property until the District Engineer verifies that the requirements of 33 CFR Part 325, Appendix C, have been satisfied.
 16. Water Quality Standards. All activities authorized herein that involve a discharge of dredged or fill material into waters of the United States shall, at all times, remain consistent with all applicable water

quality standards, effluent limitations and standards of performance, prohibitions, pretreatment standards, and management practices established pursuant to the Clean Water Act (P.L. 92-500; 86 Stat. 816) or pursuant to applicable State and local law.

17. Minimization of Environmental Impact. Permittees shall make every reasonable effort to conduct the authorized activities in a manner that minimizes the adverse impact of the work on water quality, fish and wildlife, and the natural environment, including adverse impacts to migratory waterfowl breeding areas, spawning areas, shellfish beds, and aquatic resource buffer zones.
18. Soil Erosion and Sediment Controls. Permittees shall use and maintain appropriate erosion and sediment controls in effective operating condition and permanently stabilize all exposed soil and other fills, including any work below the ordinary high water mark or high tide line, at the earliest practicable date using native vegetation to the maximum extent practicable. The permittee shall remove all installed controls as soon as they are no longer needed to control erosion or sediment.
19. Aquatic Life Movements. Permittees shall not substantially disrupt the necessary life-cycle movement of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the primary purpose of the activity is to temporarily impound water.
20. Water Supply Intakes. Permittees shall ensure that activities authorized by this RGP have no more than a minimal adverse impact on public water supply intakes.
21. Practicable Alternatives. Activities authorized by this RGP shall be designed and constructed to avoid and minimize adverse impacts to waters of the United States to the extent practicable through the use of practicable alternatives. Alternatives that shall be considered include those that minimize the number and extent of discharges of dredged or fill material into waters of the United States.
22. Conservation Measures. Appropriate and practicable conservation measures shall be required to the extent necessary to ensure that the authorized activities would not have more than a minor adverse impact on the aquatic environment.
23. Suitable Material. Any material or structure placed in waters of the United States, whether temporary or permanent, shall be free of toxic pollutants in toxic amounts.
24. Disposal of Excess Material. All construction debris and any other material not authorized by the Corps for permanent placement into waters of the United States shall be disposed of in an upland location in a manner that precludes it from entering waters of the United States.

Modification, suspension, or revocation of the RGP: This RGP may be modified or suspended in whole or in part if the Secretary of the Army or his authorized representative determines that the individual or cumulative impacts of work that would be authorized using this procedure are contrary to the public interest. Any such modification, suspension, or revocation shall become effective 30 days after the issuance of a public notice announcing such action. The final decision whether to modify, suspend, or revoke this permit, in whole or in part, shall be made pursuant to procedures prescribed by the Chief of Engineers. Following such revocation, any future activities heretofore authorized by this RGP will require alternate Department of the Army authorization.

The authorization of an individual project under this RGP may also be summarily modified, suspended, or revoked, in whole or in part, if the permittee either fails to abide by the terms and conditions of this permit or provides information that proves to be false, incomplete, or inaccurate, or upon a finding by the District

Engineer that such action would be in the public interest. If a permittee's authorization is revoked, the permittee shall, upon notice of such revocation, without expense to the United States and in such time and manner as the Secretary of the Army or his authorized representative may direct, restore the waterway to its former condition. If the permittee fails to comply with the direction of the Secretary of the Army or his authorized representative, the Secretary or his designee may restore the waterway to its former condition, by contract or otherwise, and recover the cost thereof from the permittee.

Expiration of the RGP: This permit shall become effective on the date of the signature of the District Engineer or his authorized representative and will automatically expire 5 years from that date unless the permit is modified, revoked, or extended prior to that date. Activities that have commenced (e.g., are under construction) or are under contract to commence in reliance upon this permit will remain authorized provided that the activity is completed within 1 year of the date of this permit's expiration, modification, or revocation, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

DRAFT

Date

DRAFT

RALPH H. GRAVES
Colonel, Corps of Engineers
District Engineer

APPENDIX A

Statement of Compliance Form

Regional General Permit CENWS-OD-RG-RGP-2

Within 30 days of completing the authorized work, you must fill out and sign this statement of compliance form and submit it to: U.S. Army Corps of Engineers, Regulatory Branch, P.O. Box 3755, Seattle, WA 98124-3755.

1. Corps Reference Number: _____ (refer to your RGP verification letter)
2. Permittee's name, address, and telephone number:

3. Contractor's name, address, telephone number, and point of contact:

4. Specific location of project area:
 Name of Waterway _____
 Street Address _____
 Section _____ Township _____ Range _____
 Latitude _____ Longitude _____
 City/County _____, Washington
5. Description of completed work (attach drawings on 8 1/2- by 11-inch paper, including a vicinity map, a plan view, and an elevation view; the drawings must include information as detailed on Appendix B – Drawing Checklist)

6. Dates of Work: The work was initiated on _____ and completed on _____.

I hereby certify that I have conducted the above-described work in compliance with the terms and conditions of this permit, including any project-specific conditions required by the District Engineer to ensure that this work would have no more than minimal adverse impact on the aquatic environment.

Signature of Permittee

Date

Signature of Contractor

Date

APPENDIX B - DRAWING CHECKLIST

1. GENERAL

- Use clear black lettering and fewest number of sheets possible; use 8 1/2- by 11-inch sheets
- State the purpose of the proposed or existing work
- List property owners and indicate number by number on plan view drawing
- Show datum used in plan and elevation drawings
- Use a graphic scale on all drawings
- Use a north arrow; prepare drawing with north being directed to the top of the page
- Label all proposed and existing work as such (e.g., Proposed Pier, Proposed Fill...)
- Show any riparian enhancement or other conservation measures

2. TITLE BLOCK

- A completed title block (first example) must be on the first sheet; for subsequent sheets you can use the abbreviated form (second example)

PURPOSE: DATUM: ADJACENT PROPERTY OWNERS: 1. 2.	APPLICANT 2002- LOCATION ADDRESS	PROPOSED: IN: NEAR/AT: COUNTY: STATE: WA SHEET * OF * DATE:
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Reference: 2002- Applicant: Proposed: At Washington Sheet * of * Date

3. VICINITY MAP

- Clearly show location of project (e.g., arrow, circle, etc.)
- List latitude, longitude, section, township, and range
- Name waterways
- Show roads, streets, and/or mileage to nearest town or city limits

4. PLAN VIEW

- Show shorelines:
 Tidal: Show mean high water (MHW) line, mean higher high water (MHHW) line
 Lakes or streams: Show the ordinary high water (OHW) line
- Show dimensions of proposed structures/fills; distance to property lines; encroachment beyond applicable shoreline; show wetland boundaries and specific impacts to wetlands
- Indicate location, quantity, and type of fill, if any
- Show all existing structures or fills on subject and adjacent properties
- Show direction of currents such as tidal ebb and flood
- Indicate adjacent property ownership

5. ELEVATION AND/OR SECTION VIEW

- Show shorelines, MHW line, MHHW line, OHW line, wetland boundary
- Show original and proposed elevations, water depths, dimensions of proposed structures or fills, and pertinent vertical dimensions to top and base of structure/fill; use the same vertical and horizontal scale, if possible